

EPIDEMIOLOGY (EPID)

Graduate Degree Program
College: Public Health

Abstract

The Department of Epidemiology and Biostatistics offers a Ph.D. program in Epidemiology. Students in the Ph.D. program in Epidemiology master core knowledge in epidemiologic and biostatistical methods related to the design, implementation and evaluation of public health studies surrounding psychosocial, behavioral, biological, and cultural factors. Students may work with their advisor to design their own research specialization or they may apply to one of our two specializations:

1. Social Epidemiology or
2. Environmental Epidemiology.

Our students have full access to faculty who will guide you through all phases of the program to ensure your educational goals are met. Our Washington, DC area location provides unparalleled opportunities for research experiences in public health, including placements at the U.S. Department of Health and Human Services (e.g., National Institutes of Health, National Center for Health Statistics), Children's National Medical Center, the Maryland Department of Health and Mental Hygiene, and many other national, state, and local health agencies.

Financial Assistance

The Department offers a limited number of fellowships, and graduate teaching and research assistantships.

Contact

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Courses: EPIB (<https://umd-curr.courseleaf.com/graduate/courses/epib/>) SPHL (<https://umd-curr.courseleaf.com/graduate/courses/sphl/>)

Relationships: Biostatistics (BIOS) (<https://academiccatalog.umd.edu/graduate/programs/biostatistics-bios/>) Epidemiology (EPDM) (<https://academiccatalog.umd.edu/graduate/programs/epidemiology-epdm/>)

Admissions

For admissions information please visit the department website (<https://sph.umd.edu/department/epib/how-apply/>).

APPLICATION DEADLINES

Type of Applicant	Fall Deadline
Domestic Applicants	
US Citizens and Permanent Residents	19 Mar
International Applicants	
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants	19 Mar

Requirements

- Epidemiology, Doctor of Philosophy (Ph.D.) (<https://academiccatalog.umd.edu/graduate/programs/epidemiology-epid/epidemiology-phd/>)

Facilities and Special Resources

The Department of Epidemiology and Biostatistics faculty includes individuals with multi-faceted interests in both epidemiology and biostatistics. Our faculty have research interests and expertise in the epidemiology of infectious disease and chronic disease with particular focus in the areas of HIV/STIs, cancer, health disparities, cardiovascular disease, obesity/physical activity, and sexual and reproductive health. Additional areas of specialization include social and behavioral determinants of health, aging, cultural competency, and community-based interventions. Biostatistics faculty apply statistical techniques including survival and longitudinal analysis, computational statistics, statistical analysis of genomic and proteomic data, machine learning, neuroimaging statistics, (network) meta-analysis, missing data analysis, Bayesian hierarchical methods, and bioinformatics to analyze and interpret health data.